UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,904,672 B2
DATED : June 14, 2005
INVENTOR(S) : Nagafuku et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 13,
Line 50, delete "is".

Column 17,
Lines 63 and 64, delete "O^{L1} (x^1, y^1) and O^{L2} (x^2, y^2)" and insert -- O_{L1} (x_1, y_1,) and O_{L2} (x_2, Y_2) --.

Column 18,
Line 2, delete "O^{L1} and $O^{L\,2}$" and insert -- O_{L1} and $O_{L\,2}$ --.
Line 3, delete "O^L (x^L, y^L)" and insert -- O_L (X_L, Y_L) --.
Line 6, delete "O^{C1} (x^3, y^3) and O^{C2} (x^4, y^4)" and insert -- O_{C1} (x_3, y_3) and O_{C2} (x_4, y_4) --.
Line 9, delete "O^{C1} and O^{C2}" and insert -- O_{C1} and O_{C2} --.
Line 10, delete "O^C (x^C, y^C)" and insert -- O_C(x_C, y_C) --.
Line 11, delete "O^L" and insert -- O_L --.
Line 11, delete "O^C" and insert -- O_C --.
Line 14, delete "O^L and O^C" and insert -- O_L and O_C --.
Above line 25, delete formula (1) and insert the following:
-- $\theta=\tan^{-1}\{(y_3+y_4)/(x_3-x_4)\}$ --.

Column 19,
Line 50, delete formula (2) and insert the following:
-- X-direction correction value $=(\propto_1+\propto_2+\propto_3+...+\cdot_N)/N$ --.
Line 52, delete formula (3) and insert the following:
-- Y-direction correction value $=(\beta_1+\beta_2+\beta_3+...+\beta_N)/N$ --.
Line 54, delete formula (4) and insert the following:
-- θ -direction correction value $=(\theta_1+\theta_2+\theta_3+...+\theta_N)/N$ --.

Column 23,
Line 51, before "mount" delete "s".

Column 24,
Line 9, before "rotating" delete "s".

Column 26,
Lines 20 and 66, delete "caste" and insert -- paste --.

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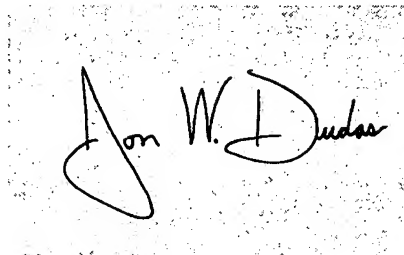INVENTOR(S)   : Nagafuku et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

<u>Column 27,</u>
Line 2, delete "taste" and insert -- paste --.

Signed and Sealed this

Twenty-eighth Day of March, 2006

JON W. DUDAS
Director of the United States Patent and Trademark Office